

Title (en)

Thick-film conductor paste for automotive glass

Title (de)

Leitfähige Dickfilmpaste für Kraftfahrzeugfenster

Title (fr)

Pâte conductrice en couche épaisse pour vitrages automobiles

Publication

**EP 1506944 A1 20050216 (EN)**

Application

**EP 04016947 A 20040719**

Priority

US 64188903 A 20030814

Abstract (en)

A thick-film composition comprising: (a) conductive metal; (b) crystallized glass; (c) amorphous glass; and (d) organic medium.

IPC 1-7

**C03C 8/22**; **C03C 8/18**; **H01B 1/16**; **C03C 17/00**

IPC 8 full level

**B60S 1/02** (2006.01); **B22F 1/00** (2006.01); **C03C 8/18** (2006.01); **C03C 8/22** (2006.01); **C03C 17/00** (2006.01); **C03C 17/02** (2006.01); **H01B 1/16** (2006.01); **H01B 1/20** (2006.01); **H01B 1/22** (2006.01)

CPC (source: EP KR US)

**C03C 8/18** (2013.01 - EP KR US); **C03C 8/22** (2013.01 - EP KR US); **C03C 17/007** (2013.01 - EP KR US); **H01B 1/16** (2013.01 - EP US); **H01B 1/22** (2013.01 - KR); **C03C 2217/44** (2013.01 - EP KR US); **C03C 2217/475** (2013.01 - EP KR US); **C03C 2217/479** (2013.01 - EP KR US)

Citation (search report)

- [X] US 6348426 B1 20020219 - SANADA YUKIO [JP], et al
- [X] US 5066620 A 19911119 - SUNAHARA KAZUO [JP], et al
- [A] EP 0545166 A1 19930609 - DU PONT [US]

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**EP 1506944 A1 20050216**; **EP 1506944 B1 20110112**; DE 602004030976 D1 20110224; JP 2005063975 A 20050310; JP 4851073 B2 20120111; KR 100674076 B1 20070126; KR 20050019055 A 20050228; TW 200516602 A 20050516; TW I367499 B 20120701; US 2005037910 A1 20050217; US 7138347 B2 20061121

DOCDB simple family (application)

**EP 04016947 A 20040719**; DE 602004030976 T 20040719; JP 2004236026 A 20040813; KR 20040063807 A 20040813; TW 93120394 A 20040707; US 64188903 A 20030814